

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/34347

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G03C 1/00; B05D 5/12; B32B 27/42; C08J 3/00
 US CL : 430/270.1, 311, 314; 427/96; 428/524; 524/463, 593; 528/491, 494, 495
 According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 430/270.1, 311, 314; 427/96; 428/524; 524/463, 593; 528/491, 494, 495

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

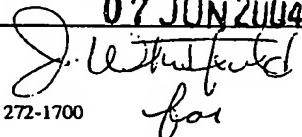
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 EAST; planarization, novolac, resol, propanol.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,180,689 A (LIU et al) 19 January 1993, abstract, col. 2, line 54 to col. 3, line 9, col. 6, lines 6-45.	1, 2, 4-14, 26, 28-37, 39-49 and 53-55
X	US 5,756,256 A (NAKATO et al) 26 May 1998, col. 4, lines 30-58, col. 6, lines 33-54 and col. 7, line 39 to col. 8, line 16.	1-3, 8-14, 26-29, 32-38, 43-49, 53-59, 64-70, 75 and 76
X	US 5,858,547 A (DRAGE) 12 January 1999, abstract, col. 2, line 47 to col. 5, line 25 and examples 1-2.	1-55 and 57-76
X	US 6,407,006 B1 (LEVERT et al) 18 June 2002, col. 9, lines 15- 67, col. 13, line 65 to col. 14, line 35 and examples.	1-14, 18, 20-23, 26-49, 53-55, 57-70, 75 and 76
X	US 6,258,514 B1 (MONTGOMERY) 10 July 2001, col. 6, lines 31-45, col. 7, lines 13-32 and 56-67.	1-3, 8-14, 26-38, 41, 43-49, 53-59, 64-70, 75 and 76

Further documents are listed in the continuation of Box C. See patent family annex.

Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search	Date of mailing of the international search report
24 May 2004 (24.05.2004)	07 JUN 2004
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Tae H Yoon Telephone No. (571) 272-1700 

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C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2002/0002265 A1 (HACKER et al) 03 January 2002, abstract, [0010], [0014], [0018]-[0022] and [0030].	1-5, 7-17, 26-40, 42-55, 57-61 and 63-76
X	US 2003/0129542 A1 (SHIH et al) 10 July 2003, [0021], [0022], [0025], [0029], examples 5 and 10.	6, 18-27, 41, 62 1-4, 7-14, , 26, 27-39, 42-49, 53-60, 63-70, 75 and 76